

transmitting information in at least one [preferably MPEG] data transmission stream (TS), in which method:

[-] one or several service[_] providers transmits services to one or several data transmission networks (6, 12a, 12b, 15a, 15b, 16, 17), and

[-] the service is assigned [an] service identification data (original_network_id, transport_stream_id, service_id), wherein on the basis of the service identification data (original_network_id, transport_stream_id, service_id), [it is possible to retrieve] the data transmission stream (TS) [to be used and the location in the data transmission stream (TS)] and a location therein is retrievable for use, characterized in that the service is assigned an identifying name information (service_provider_name, service_name) and a relation between the name information and the service identification data, wherein on the basis of the name information (service_provider_name, service_name) and the relation, [it is possible to retrieve] the service identification is retrievable.

2. (Amended) Method for addressing at least one service [and/or] among plural services or for addressing at least one service component in a data communication system comprising at least one data transmission network (6, 12a, 12b, 15a, 15b, 16, 17) for transmitting information in at least one [preferably MPEG] data transmission stream (TS), in which method:

[-] at least one of the plural services [comprise] includes said at least one service component,

[-] at least one [or] of several service[_] providers transmits said services to one or [several] more data transmission networks (6, 12a, 12b, 15a, 15b, 16, 17), wherein

[-] [the] each service is assigned [an] identification data (original_network_id, transport_stream_id, service_id) for ~~identifying the service, and~~

[-] the at least one service component is assigned [an] identification data (original_network_id, transport_stream_id, service_id, event_id, module_id, component_tag) for identifying the service component as well as [the] a service [to be used] for transmitting the service component, wherein the identification data (original_network_id, transport_stream_id, service_id, event_id, module_id, component_tag) [can serve] is for serving as a basis for retrieving the data transmission stream (TS) [to be used] for transmitting the service and the service component, and the location in the data transmission stream (TS),

characterized in that at least one of the service [and/or] and the service component are assigned identifying name information (service_provider_name, service_name) and a relation between the name information and identification data, wherein on the basis of the name information (service_provider_name, service_name) and the relation [it is possible to retrieve] at least one of the identification data of the service [and/or] and the service component is retrievable.

3. (Amended) Method according to claim 1 [or 2], characterized in that the data transmission streams (TS) are data transmission streams complying to the DVB definitions.

SubC27 6. (Amended) Method according to [any of claims 1-5] claim 1, characterized in that the name information comprises [the] a service[_] name and [the] a service[_] provider[_] name.

Ab cont 7. (Amended) Method according to [any of claims 1-6] claim 1, characterized in that the service components are files transmitted in the DSM-CC data carousel.

8. (Amended) Method according to [any of claims 1-7] claim 1, characterized in that the service components are transmitted in a DSM-CC object carousel.

Sub BZ 9. (Amended) Method according to [any of claims 1-8] claim 1, characterized in that the name information are used as part of the URL address.

10. (Amended) Data communication system comprising at least one data transmission network (6, 12a, 12b, 15a, 15b, 16, 17) for transmitting information on services in at least one [preferably MPEG] data transmission stream (TS), which system comprises equipment for transmitting services of one or several service[_] providers to one or several data transmission networks (6, 12a, 12b, 15a, 15b, 16, 17), and the service is assigned [an] identification data (original_network_id, transport_stream_id, service_id), characterized in that the system [comprises] further comprises:

[-] means for assigning the service an identifying name information (service_provider_name, service_name) and

[-] means for forming a relation between the name information and the identification data, wherein on the basis of the name information (service_provider_name, service_name) and the relation [it is possible to retrieve] the service identification is retrievable.

11. (Amended) Data communication system comprising at least one data transmission network (6, 12a, 12b, 15a, 15b, 16, 17) for transmitting information on services in at least one [preferably MPEG] data transmission stream (TS), in which system:

[-] the services [comprise] include at least one service ~~component~~,

[-] there are means for transmitting services of one or several service[] providers to one or several data transmission networks (6, 12a, 12b, 15a, 15b, 16, 17),

[-] the service is assigned [an] identification data (original_network_id, transport_stream_id, service_id) for identifying the service, and

[-] the service component is assigned an identification information (original_network_id, transport_stream_id, service_id, event_id, module_id, component_tag) for identifying the service component as well as the service to be used for transmitting the service component wherein the identification data (original_network_id, transport_stream_id, service_id, event_id, module_id, component_tag) [can serve as a basis] is for retrieving the data transmission stream (TS) [to be used] for transmitting the service and the service component, and [the] a location in the data transmission stream (TS), characterized in that the system [comprises] further comprises:

[-] means for assigning to at least one of the service [and/or] and the service component identifying name information (service_provider_name, service_name) and

[-] means for forming a relation between the name information and identification data, wherein on the basis of the name information (service_provider_name, service_name) and the relation [it is possible to retrieve] at least one of the identification data of the service [and/or] and the service component are retrievable.

12. (Amended) Broadcasting device (1a, 1b, 1c, 2, 3, 4, 5) for transmitting at least one service in a data communication system comprising at least one data transmission network (6, 12a, 12b, 15a, 15b, 16, 17) for transmission of information in at least one[, preferably MPEG] data transmission stream (TS), in

which data communication system the service is assigned [an] identification data (original_network_id, transport_stream-id, service_id), characterized in that the device [comprises] further comprises means (3) for transmitting [the] name information for identifying the service (service_provider_name, service_name) and [the] a relation between the name information and the identification data to the data transmission network.

13. (Amended) Broadcasting device (1a, 1b, 1c, 2, 3, 4, 5) for transmitting at least one of a service [and/or] and service component in a data communication system comprising at least one data transmission network (6, 12a, 12b, 15a, 15b, 16, 17) for transmission of information in at least one [preferably MPEG] data transmission stream (TS), in which data communication system:

[-] the service is assigned [an] identification data (original_network_id, transport_stream_id, service_id) for identifying the service, and

[-] the service component is assigned [an] identification data (original_network_id, transport_stream_id, service_id, event_id, module_id, component_tag) for identifying the service component as well as [the] a service [to be used] for transmitting the service component, characterized in that the device [comprises] further comprises means (3) for transmitting [the] a name information identifying the service (service_provider_name, service_name) and [the] a relation between the name information and the identification data to the data transmission network.

14. (Amended) Receiver (7) for receiving at least one service in a data communication system comprising at least one data transmission network (6, 12a, 12b, 15a, 16, 17) for transmission of information in at least one[, preferably MPEG]

data transmission stream (TS), in which data communication system the service is assigned [an] identification data (original_network_id, transport_stream_id, service_id), characterized in that the receiver (7) [comprises] further comprises:

[-] means (10) for receiving the name information (service_provider_name, service_name) identifying the service as well as [the] a relation between the name information and the identification data, and

[-] means (10) for [finding out] determining the service identification data on the basis of the relation between the name information and identification data.

15. (Amended) Receiver (7) for receiving at least one of a service [and/or] and a service component in a data communication system comprising at least one data transmission network (6, 12a, 12b, 15a, 15b, 16, 17) for transmission of information in at least one[, preferably MPEG] data transmission stream (TS), in which data communication system:

[-] the service is assigned [an] identification data (original_network_id, transport_stream_id, service_id) for identifying the service,

[-] the service component is assigned [an] identification data (original_network_id, transport_stream_id, service_id, event_id, module_id, component_tag) for identifying the service component and [the] a service [to be used] for transmission of the service component, characterized in that the receiver (7) [comprises] further comprises:

[-] means (10) for receiving the name information (service_provider_name, service_name) identifying at least one of the service [and/or] and the service component as well as [the] a

relation between the name information and the identification data, and

[-] means (10) for [finding out] determining the service identification data on the basis of the relation between the name information and identification data.

Please add the following claims:

16. Method according to claim 2, characterized in that the data transmission streams (TS) are data transmission streams complying to the DVB definitions.

17. Method according to claim 16, in which the identification data are transmitted in SDT table records, characterized in that the name information is added to the descriptor in the SDT table record, wherein a relation is formed between the name information and the identification data.

18. Method according to claim 16, in which the identification data are transmitted in EIT table records, characterized in that the name information is added to the descriptor in the EIT table record, wherein a relation is formed between the name information and the identification data.